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**From:** Matson, Eric (IHS/PHX) [Eric.Matson@ihs.gov]  
**Sent:** 9/25/2017 2:57:59 PM  
**To:** Rapicavoli, Emmanuelle [Rapicavoli.Emmanuelle@epa.gov]  
**CC:** Carter, James (IHS/PHX) [James.Carter2@ihs.gov]; Welch, Michael (IHS/PHX) [Michael.Welch@ihs.gov]  
**Subject:** FW: HAMP Meeting notes from 9-20-17  
**Attachments:** HAMP No USDA Loan Alternative Preliminary Costs.xlsx

Hi Emmanuelle,

# Ex. 5 Deliberative Process (DP)

**Eric L. Matson, P.E.**  
CAPT, USPHS  
Director (Acting), Sanitation Facilities Construction Program  
Phoenix Area Indian Health Service  
40 N. Central Ave., Suite 720  
Phoenix, AZ 85004  
Phone: 602-364-5072

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**From:** Tim Bodell [mailto:tbodell@hopiuc.com]  
**Sent:** Friday, September 22, 2017 4:05 PM  
**To:** Rapicavoli, Emmanuelle <Rapicavoli.Emmanuelle@epa.gov>; Carroll Onsaie <consae@hopitelecom.com>; DeCoteau, Jesse (IHS/PHX) <Jesse.Decoteau@ihs.gov>; Rea, Brad (IHS/PHX) <Brad.Rea@ihs.gov>; Matson, Eric (IHS/PHX) <Eric.Matson@ihs.gov>; Timothy Bodell <tbodell@hopitelecom.com>; Tim Bodell <TBodell@hopi.nsn.us>; Carter, James (IHS/PHX) <James.Carter2@ihs.gov>  
**Subject:** RE: HAMP Meeting notes from 9-20-17

I.H.S. & Team,

I am directed to identify ways to reduce HAMP Capitol and O & M Costs and avoid USDA Loan.

We propose consideration of the attached phasing which would complete the project in 3-4 years and lower the HAMP water wholesale cost to an average of \$5 per 1000 Gallons.

Incidentally, I enjoyed talking with NECA Chief Estimator Brett Grubbs just now. He exclaimed "of course installation of HDPE SDR 11 is much faster than Bell & Spigot Joint PVC C900." The only reason they use PVC in lieu of HDPE outside wash crossings is because I.H.S. and NTUA specify it without asking NECA or the construction industry about value engineering cost advantages. He further explained they construct over 100 Miles per year of PVC pipe they buy in bulk so they use it out of convenient necessity more than design. Their published unit prices are not competitive bid based but assigned by a committee to employ Navajo tradesman.

"Have a goot wun"

TIM 928 401 4000

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**From:** Rapicavoli, Emmanuelle [<mailto:Rapicavoli.Emmanuelle@epa.gov>]

**Sent:** Friday, September 22, 2017 2:29 PM

**To:** Carroll Onsaie <[consae@hopitelecom.com](mailto:consae@hopitelecom.com)>; DeCoteau, Jesse (IHS/PHX) <[Jesse.Decoteau@ihs.gov](mailto:Jesse.Decoteau@ihs.gov)>; brad.rea@ihs.gov; Matson, Eric (IHS/PHX) <[Eric.Matson@ihs.gov](mailto:Eric.Matson@ihs.gov)>; Timothy Bodell <[tbodell@hopitelecom.com](mailto:tbodell@hopitelecom.com)>; Tim Bodell <[TBodell@hopi.nsn.us](mailto:TBodell@hopi.nsn.us)>; Tim Bodell <[tbodell@hopiuc.com](mailto:tbodell@hopiuc.com)>; Carter, James (IHS/PHX) <[James.Carter2@ihs.gov](mailto:James.Carter2@ihs.gov)>

**Subject:** RE: HAMP Meeting notes from 9-20-17

Great thank you Carroll. To confirm those proposed agenda topics are:

- 1) Updated total project costs;
- 2) Proposed Tribal/HUC contributions to capital and O+M costs;
- 3) Potential IHS contributions;
- 4) Potential EPA contributions;
- 5) Determining USDA application for loan/grant remainder;
- 6) Cost of individual phases.

Thanks,

Emmanuelle

Emmanuelle Rapicavoli  
Drinking Water Protection Section (WTR 3-2)  
Environmental Protection Agency, Region 9  
75 Hawthorne Street  
San Francisco, Ca 94105  
(415) 972-3969 (phone)  
(415) 947-3545 (fax)

Please: All data submittals to our office should be sent by email to [datamanager@epa.gov](mailto:datamanager@epa.gov) with a copy to me (or your project manager in the Drinking Water Office). Data reports are due no later than the 10<sup>th</sup> of the month following the month that you receive results, or the 10<sup>th</sup> of the month following the compliance period, whichever comes first. Please include the whole lab report and copy of the Chain of Custody. Label with PWS name and number; & source or distribution system location codes or names for data collection points.

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**From:** Carroll Onsaie [<mailto:consae@hopitelecom.com>]

**Sent:** Friday, September 22, 2017 2:22 PM

**To:** Rapicavoli, Emmanuelle <[Rapicavoli.Emmanuelle@epa.gov](mailto:Rapicavoli.Emmanuelle@epa.gov)>; DeCoteau, Jesse (IHS/PHX) <[Jesse.Decoteau@ihs.gov](mailto:Jesse.Decoteau@ihs.gov)>; brad.rea@ihs.gov; Matson, Eric (IHS/PHX) <[Eric.Matson@ihs.gov](mailto:Eric.Matson@ihs.gov)>; Timothy Bodell <[tbodell@hopitelecom.com](mailto:tbodell@hopitelecom.com)>; Tim

Bodell <[TBodell@hopi.nsn.us](mailto:TBodell@hopi.nsn.us)>; Tim Bodell <[tbodell@hopiuc.com](mailto:tbodell@hopiuc.com)>; Carter, James (IHS/PHX) <[James.Carter2@ihs.gov](mailto:James.Carter2@ihs.gov)>

**Subject:** RE: HAMP Meeting notes from 9-20-17

Emmanuelle,

Thank you for the notes, yes I confirm the topics to discuss on the teleconference scheduled for Monday, September 25<sup>th</sup> starting at 9 am MST.

**Carroll Onsaе**

President/General Manager

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**From:** Rapicavoli, Emmanuelle [<mailto:Rapicavoli.Emmanuelle@epa.gov>]

**Sent:** Friday, September 22, 2017 1:51 PM

**To:** Carroll Onsaе; DeCoteau, Jesse (IHS/PHX); [brad.rea@ihs.gov](mailto:brad.rea@ihs.gov); Matson, Eric (IHS/PHX); Timothy Bodell; Tim Bodell; Tim Bodell; Carter, James (IHS/PHX)

**Subject:** HAMP Meeting notes from 9-20-17

Hello All,

I wanted to relay my meeting notes from our discussion last Wednesday in advance of our meeting this Monday, September 25<sup>th</sup>.

Please let me know if you have questions, comments or clarification about the notes.

Carroll and Tim – I had not yet seen an agenda or meeting invite for Monday. My notes have some suggested topics for the meeting. Please confirm a call in # and agenda.

Thank you,

Emmanuelle

Emmanuelle Rapicavoli

Drinking Water Protection Section (WTR 3-2)

Environmental Protection Agency, Region 9

75 Hawthorne Street

San Francisco, Ca 94105

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**Please:** All data submittals to our office should be sent by email to [datamanager@epa.gov](mailto:datamanager@epa.gov) with a copy to me (or your project manager in the Drinking Water Office). Data reports are due no later than the 10<sup>th</sup> of the month following the month that you receive results, or the 10<sup>th</sup> of the month following the compliance period, whichever comes first. Please include the whole lab report and copy of the Chain of Custody. Label with PWS name and number; & source or distribution system location codes or names for data collection points.

